

# Central Region Review



## U.S. Army Environmental Center Central Regional Office Kansas City, Missouri



★ SEPTEMBER 2005 ★

★ REGIONS 6 & 7 ★

The *CENTRAL REGION REVIEW* provides current information on significant federal and state legislative and regulatory developments in federal Regions 6 and 7. Versar, Inc., in support of the Central Regional Environmental Office (CREO), prepares the *REVIEW* to assist you in your compliance efforts. Current and past issues of the *REVIEW*, as well as regional updates and alerts, are available on the Internet at <http://aec.army.mil/usaec/reo/creo00.html>. Please e-mail [CREO.regulatory.specialist@nwk02.usace.army.mil](mailto:CREO.regulatory.specialist@nwk02.usace.army.mil) or call (816) 983-3327 if you have any questions or suggestions, or if you would like to subscribe to the *REVIEW*.

### CONTENTS

Region 6 State Activity – <a href="#">Arkansas</a>	2
Region 6 State Activity – <a href="#">Louisiana</a>	3
Region 6 State Activity – <a href="#">New Mexico</a>	4
Region 6 State Activity – <a href="#">Oklahoma</a>	5
Region 6 State Activity – <a href="#">Texas</a>	6
Region 7 State Activity – <a href="#">Iowa</a>	8
Region 7 State Activity – <a href="#">Kansas</a>	9
Region 7 State Activity – <a href="#">Missouri</a>	10
Region 7 State Activity – <a href="#">Nebraska</a>	11
<a href="#">Federal Actions</a>	11
<a href="#">Regional Meetings</a>	15
<a href="#">Training Courses and Workshops</a>	15
<a href="#">Conferences and Symposiums</a>	17
<a href="#">Acronyms and Abbreviations</a>	18

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**Louisiana Emergency Final Order.** LDEQ has issued an emergency final order easing certain state environmental protections to help accelerate repair and restoration of damaged facilities and structures following landfall of Hurricane Katrina. The order signed by Mike D. McDaniel, Secretary of the Louisiana Department of Environmental Quality, addresses a number of issues such as asbestos cleanup, wastewater treatment systems, solid waste management, and air pollution sources other than open burning. The 60-day emergency order covers 25 parishes in southeastern Louisiana. The order does not provide relief from requirements of other federal, state, water management districts, and local agencies. **For complete details, please go to** <http://www.deq.state.la.us/news/pdf/Declarationofemergency.pdf>. Other emergency information may be obtained at the LDEQ's web site at <http://www.deq.state.la.us/>.

**Assistance in Environmental Regulations Impact.** In the past, CREO has successfully assisted installations in moderating environmental regulations that affect current operations. If you need assistance in this regard, please contact the CREO Chief/ DoD Region 7 REC at (816) 983-3449 or Regional Counsel at (816) 983-3448. CREO stands ready to assist you in resolving these types of issues.

**AELC Call for Army Environmental Legislative Proposals.** The US Army prepares and submits to the Office of the Secretary of Defense (OSD) proposals to address a wide variety of issues, including environmental, for subsequent submittal to OMB and to the Congress. In late 2002, the **Army Environmental Legislative Committee (AELC)** was

established to, among other things, streamline the process for the Army's development of environmental and related legislative proposals for submittal to OSD.

**AELC** continuously solicits input for environmental legislative concepts/proposals for the Defense Authorization and Appropriations Bills. **AELC** then selects environmental concepts that the Army would like to pursue. Technical and legal support is provided to ensure that each concept is developed into a format consistent with DoD guidance for the submittal of legislative proposals. Submissions should be coordinated through your chain of command to your organization's **AELC** point of contact. More information can be obtained from the **US Army Environmental Center** at (410) 436-1660. **USAEC** serves as secretary and provides staff support to **AELC**.

[\[Top\]](#)

## REGION 6 STATE ACTIVITY

### Regulatory & Legislative Web Sites

Arkansas Department of Environmental Quality (ADEQ)	<a href="http://www.adeg.state.ar.us">http://www.adeg.state.ar.us</a>
Arkansas General Assembly	<a href="http://www.arkleg.state.ar.us/">http://www.arkleg.state.ar.us/</a>
Louisiana Department of Environmental Quality (LDEQ)	<a href="http://www.deq.state.la.us">http://www.deq.state.la.us</a>
Louisiana Legislature	<a href="http://www.legis.state.la.us/">http://www.legis.state.la.us/</a>
New Mexico Environment Department (NMED)	<a href="http://www.nmenv.state.nm.us/">http://www.nmenv.state.nm.us/</a>
New Mexico Legislature	<a href="http://legis.state.nm.us/">http://legis.state.nm.us/</a>
Oklahoma Department of Environmental Quality (ODEQ)	<a href="http://www.deq.state.ok.us">http://www.deq.state.ok.us</a>
Oklahoma Legislature	<a href="http://www.lsb.state.ok.us/">http://www.lsb.state.ok.us/</a>
Texas Commission on Environmental Quality (TCEQ)	<a href="http://www.tnrc.state.tx.us">http://www.tnrc.state.tx.us</a>
Texas Legislature	<a href="http://www.capitol.state.tx.us/">http://www.capitol.state.tx.us/</a>

## ARKANSAS

## Legislative/Regulatory Activity

### STATE OF ARKANSAS PROPOSED RULE

(UPDATE) **AR Department of Environmental Quality Proposed Regulation: Amendments to Hazardous Waste Regulations to Adopt Federal Revisions (Regulation 23)**. ADEQ is finalizing amendments to its hazardous waste regulations. The amendments update the regulations to incorporate the following federal revisions: (1) updates to the National Environmental Performance Track Program regulations; (2) updates to the National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Automobiles and Light-Duty Trucks; (3) additions of hazardous non-wastewaters generated from the production of certain dyes, pigments, and food, drug and cosmetic colorants to the list of hazardous waste; (4) updates to the Hazardous Waste Manifest system regulations; and (5) updates to the requirements to use specific testing and monitoring procedures when conducting sampling and analysis in support of the Federal RCRA hazardous and non-hazardous waste regulations as well as specific provisions of the Clean Air Act regulations that apply to hazardous waste combustors. The Department will hold a public hearing 4 October 2005. Comments are due 18 October 2005. The proposed amendments are available at [http://www.adeg.state.ar.us/regs/drafts/reg23\\_draft\\_docket\\_05-005-R/reg23\\_draft\\_docket\\_05-005-R\\_markup.pdf](http://www.adeg.state.ar.us/regs/drafts/reg23_draft_docket_05-005-R/reg23_draft_docket_05-005-R_markup.pdf). For additional information, please call Tom Ezell at (501) 682-0876.

### OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(UPDATE) **AR Department of Environmental Quality Departmental Discussion: New Source Review Regulations for Crittenden County**. The Department is discussing plans to propose a non-attainment New Source Review regulation for Crittenden County, which is currently not in attainment with the 8-hour ozone standard. Staff anticipates having a proposal ready by the end of 2005 unless the county re-attains with the 8-hour ozone standard in summer 2005. For additional information, please call Mike Bonds at (501) 682-0730.

**CREO Comment:** DoD facilities in Crittenden county include the Arkansas National Guard Readiness Center.

[\[Top\]](#)

## STATE OF LOUISIANA FINAL RULES

**Louisiana Emergency Final Order.** LDEQ has issued an emergency final order easing certain state environmental protections to help accelerate repair and restoration of damaged facilities and structures following landfall of Hurricane Katrina. The order signed by Mike D. McDaniel, Secretary of the Louisiana Department of Environmental Quality, addresses a number of issues such as asbestos cleanup, wastewater treatment systems, solid waste management, and air pollution sources other than open burning. The 60-day emergency order covers 25 parishes in southeastern Louisiana. The order does not provide relief from requirements of other federal, state, water management districts, and local agencies. For complete details, please go to <http://www.deq.state.la.us/news/pdf/Declarationofemergency.pdf>. Other emergency information may be obtained at the LDEQ's web site at <http://www.deq.state.la.us/>.

**(Effective 21 September 2005) LA Department of Environmental Quality Final SIP Revision Published 20 August 2004: Revision to Shreveport-Bossier City Early Action Compact Air Quality Improvement Plan (0408Pot1).** LDEQ finalized a revision to the State Implementation Plan (SIP) for the Shreveport-Bossier City Metropolitan Statistical Area Early Action Compact Air Quality Improvement Plan. The revision concerns the EPA commitment not to re-designate areas participating in the EAC Program as non-attainment after a designation of attainment. The commitment not to re-designate areas as non-attainment stands even if an area subsequently violates the 8-hour ozone standard during the term of the early action compact. The Shreveport-Bossier City area was designated as attainment for the 8-hour ozone standard on 15 June 2004. USEPA has approved the revision and it will become effective 21 September 2005. *For additional information, please call Vivian Aucoin at (225) 219-3575.*

**(Effective 25 August 2005) LA Department of Environmental Quality Final Emergency Regulations: Emissions Estimation Methodologies (AQ240E2) (LAC 33:III.919).** LDEQ has re-adopted an emergency rule revision to clarify requirements set forth in LAC 33:III.919, concerning emission inventory, and LAC 33:III.507.H, concerning annual compliance certifications. On 20 December 2003, LDEQ promulgated final rule AQ220 to clarify and update the requirements for emissions inventory. These changes were made, in part, to correlate LAC 33:III.919 with the recently promulgated Consolidated Emissions Reporting Rule (67 FR 39602-39616, No. 111, 10 June 2002). LAC 33:III.919.C was modified to clarify that emissions reported in the emissions inventory shall be calculated using the best available information. The Department has renewed this emergency rule, effective 25 August 2005. The re-adopted rule is available at <http://www.deq.state.la.us/planning/regs/pdf/AQ240E3.pdf>. *For additional information, please contact Lynn Willbanks at (225) 765-0399.*

## STATE OF LOUISIANA PROPOSED RULES

**(NEW) LA Department of Environmental Quality Proposed Regulation: Amendments to Adopt Federal Standards for Used Oil (HW087ft) (LAC 33:V.108, 1717, 4003, and 4561).** The Department has proposed amendments to its hazardous waste regulations. The amendments will revise the state regulations to make them consistent with updated federal requirements for used oil. The amendments will: (1) clarify when used oil contaminated with Polychlorinated biphenyls (PCBs) is regulated under RCRA used oil management standards; (2) explain that used oil mixed with conditionally exempt small quantity generator (CESQG) waste is subject to RCRA used oil management standards regardless of how the mixture will be recycled; and (3) explain that an initial marketer of on-specification used oil must keep a record of the shipment of used oil to the facility to which the initial marketer delivers the used oil. The Department will hold a public hearing 27 September 2005. Comments are due on that day. The proposed rule is available at <http://www.deq.state.la.us/planning/regs/pdf/HW087ftpro.pdf>. *For more information, please contact Judith Schuerman at (225) 219-3550.*

**(NEW) LA Department of Environmental Quality Proposed Regulation: Amendments to Add Mercury-Containing Devices and Electronics as Universal Wastes (HW088) (LAC 33:V.109, et al).** LDEQ has proposed amendments to its universal waste regulations that add mercury-containing devices and electronics, including cathode ray tubes (CRTs), destined for recycling as universal wastes. The amendments require that metallic mercury be recovered, recycled, reused or sequestered rather than incinerated, landfilled, or released. In addition, electronics, including CRTs, must be sent for dismantling and recovery of components in a way that prevents releases to the environment. The Department will hold a public hearing 27 September 2005. Comments are due 4

October 2005. The proposed regulation is available at <http://www.deq.state.la.us/planning/regs/pdf/HW088pro.pdf>. For more information, please contact Judith Schuerman at (225) 219-3550.

[\[Top\]](#)

## NEW MEXICO

## Legislative/Regulatory Activity

### STATE OF NEW MEXICO PROPOSED RULE

**(NEW) Albuquerque/Bernalillo Air Quality Control Board Proposed Regulation Published 15 August 2005: Amendments to Oxygenated Fuels Regulations (20.11.102 NMAC).** The Board has proposed amendments to its oxygenated fuels regulations. The amendments: (1) delete an obsolete reference manual; (2) replace references to specific equipment with references to ASTM D-4815 and ASTM D5845 test methods in the sampling and analysis procedures; and (3) replace an unenforceable fine schedule with a graduated corrective action and closure schedule based on level of noncompliance. The Board will hold a public hearing 12 October 2005. Comments are due 5 October 2005. *For additional information, please contact Neil Butt at (505) 768-2600.*

**CREO Comment:** Kirtland Air Force Base and Manzano Weapons Storage Area (WSA) are located in Bernalillo County. Manzano WSA at KAFB consists of four plants inside Manzano Mountain, which is used primarily for research activities, and 122 magazines 81 of which are earth covered and 41 are tunneled into a mountainside.

### OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

**(Effective 16 September 2005) EPA Approval and Promulgation of Air Quality Implementation Plans; San Juan County Early Action Compact Area.** EPA is approving revisions to the State Implementation Plan (SIP) submitted by the Governor of New Mexico on December 16, 2004. The revisions incorporate the Early Action Compact (EAC) Clean Air Action Plan (CAAP) into the New Mexico SIP. EPA is approving the photochemical modeling in support of the attainment demonstration for the 8-hour ozone standard within the San Juan County EAC area. These actions strengthen the SIP in accordance with the requirements of sections 110 and 116 of the Federal Clean Air Act (the Act), and will result in emission reductions needed to help ensure continued attainment and maintenance of the 8-hour National Ambient Air Quality Standard (NAAQS) for ozone. This final rule is effective on 16 September 2005. For more information, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/August/Day-17/a16290.htm>.

**(UPDATE) NM Environment Department Draft Amendments: Plans for State Delegation for the NPDES Permit Program.** NMED is proposing to seek state delegation for the National Pollution Discharge System (NPDES) permit program from EPA. The NPDES permit program is authorized by the federal Clean Water Act to control water pollution through regulation of point sources that discharge pollutants into waters of the United States. Delegation of the program allows New Mexico to take authority over the quality of its water resources rather than deferring to the federal government. The Department sent a draft program description and a draft Memorandum of Agreement for the program to USEPA 1 August 2005. Further information on the delegation process is available at <http://www.nmenv.state.nm.us/swqb/NPDES/index.html>. *For additional information, please contact Marcy Leavitt at (505) 827-2918.*

**CREO Comment:** It is recommended that all potentially affected installations should go to the web site identified above and carefully review the contents of the page including the links. EPA Region 6 Administrator assured the Air Force and the Army that we would be part of the process and that several public meetings would be held before ruling on state NPDES delegation.

[\[Top\]](#)

**STATE OF OKLAHOMA FINAL RULE****(Effective 15 September 2005) OK Department of Environmental Quality Final SIP Revisions:**

**Attainment of the 8-Hour Ozone Standard in OK.** ODEQ finalized early State Implementation Plan (SIP) submittals for Oklahoma City and Tulsa to address attainment of the 8-hour ozone standard in Oklahoma. The early SIP submittal is the result of a local Early Action Compact (EAC). EPA has approved the revisions effective 15 September 2005. *For additional information, please contact Leon Ashford at (405) 702-4173.*

**STATE OF OKLAHOMA PROPOSED RULES**

**(UPDATE) OK Department of Environmental Quality Proposed Regulation Published 15 December 2004: Amendments to Water Pollution Control Facility Requirements (OAC 252:656).** ODEQ has proposed amendments to its water pollution control facility construction regulations to revise the procedures for wastewater treatment and collection system construction. The amendments also clarify requirements associated with construction at water pollution control facilities. Staff reports that the Environmental Quality Board adopted the amendments 23 August 2005. The amendments are scheduled to become effective 15 June 2006 after review by the 2006 Oklahoma Legislature. *For additional information, please contact Shellie Chard McClary at (405) 702-8154.*

**(UPDATE) OK Department Of Environmental Quality Proposed Regulation Published 15 June 2005: Amendments to New Source Review Regulations (OAC 252:100-1-3, 252:100-8, 252:100-37-2, 252:100-39-2).** The Department has proposed revisions to its New Source Review (NSR) regulations that update the regulations with new federal requirements. The proposed amendments to the regulations: (1) revise the method for determining whether a modification to an NSR source qualifies as a major modification; (2) add Clean Unit Exclusions, Pollution Control Project Exclusions, and Plantwide Applicability Limitations Exclusions for the NSR regulations; (3) revise the Volatile Organic Compound definition to update it with the new federal definition; and (4) revoke the 1-hour Ozone standard from the Primary and Secondary Ambient Air Quality standards. Staff reports that the public hearing was continued to the 19 October 2005 Air Quality Council meeting and that the proposed rules have been revised. Staff accepted comments on the revised proposed rules through 26 August 2005 and will hold a workgroup meeting 9 September 2005. The proposed rules are available at [http://www.deq.state.ok.us/AQDnew/council\\_mtgs/jul05/jul05rules.htm](http://www.deq.state.ok.us/AQDnew/council_mtgs/jul05/jul05rules.htm). *For additional information, please contact Scott Thomas at (405) 702-4100.*

**OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION**

**(Effective 19 September 2005) EPA Approval and Promulgation of Air Quality Implementation Plans; Attainment Demonstration for the Tulsa Early Action Compact Area.** EPA approved a revision to the Oklahoma State Implementation Plan (SIP) submitted by the Secretary of the Environment on 22 December 2004. The revision incorporates a Memorandum of Agreement (MOA) between the Oklahoma Department of Environmental Quality (ODEQ) and the Indian Nation Council of Governments (INCOG) into the Oklahoma SIP and includes a demonstration of attainment and maintenance for the 8-hour National Ambient Air Quality Standard (NAAQS) for ozone. The MOA outlines duties and responsibilities of each party for implementation of pollution control measures for the Tulsa Metropolitan Area Early Action Compact (EAC) area. EPA is approving the photochemical modeling in support of the attainment demonstration for the 8-hour ozone standard within the Tulsa EAC area and is approving the associated control measures. This final rule is effective on 19 September 2005. For more information, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/August/Day-19/a16488.htm>.

**AEC Comment:** DoD facilities in the Tulsa area include the 138th Fighter Wing of the Oklahoma Air National Guard (OANG), Army National Guard - Army Aviation Support Facilities among others.

**(Effective 15 September 2005) EPA Approval and Promulgation of Air Quality Implementation Plans: Attainment Demonstration for the Central Oklahoma Early Action Compact Area.** EPA approved a revision to the Oklahoma State Implementation Plan (SIP) submitted by the Secretary of the Environment on 22 December 2004 for Central Oklahoma. This revision incorporates a Memorandum of Agreement (MOA) between the Oklahoma Department of Environmental Quality (ODEQ) and the Association of Central Oklahoma



Governments (ACOG) into the Oklahoma SIP and includes a demonstration of attainment and maintenance for the 8-hour National Ambient Air Quality Standard (NAAQS) for ozone. The MOA outlines duties and responsibilities of each party for implementation of pollution control measures for the Central Oklahoma Early Action Compact (EAC) area. EPA is approving the photochemical modeling in support of the attainment demonstration for the 8-hour ozone standard within the Central Oklahoma EAC area and is approving the associated control measures. These actions strengthen the SIP in accordance with the requirements of sections 110 and 116 of the Federal Clean Air Act (the Act) and will result in emission reductions needed to help ensure attainment and maintenance of the 8-hour NAAQS for ozone. This final rule is effective on 15 September 2005. For more information, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/August/Day-16/a16192.htm>.

**CREO Comment:** DoD facilities in the central Oklahoma region include Altus, Tinker, Vance Air Force Bases, and Fort Sill.

(UPDATE) **OK Department of Environmental Quality Departmental Discussion: Review of Additional Amendments to Industrial Wastewater Systems Regulations (OAC 252:616).** ODEQ adopted an initial set of amendments on 15 June 2005 regarding regulations for industrial surface impoundments and for the land application of industrial sludge and wastewater. These adopted amendments revise the language of the regulation for clarity and for consistency with other rules and prohibit the land application of industrial sludge in scenic river basins and add requirements for the use of Class III wastewater for dust suppression. Staff anticipates that the Department will propose a second round of amendments at the end of 2005 or beginning of 2006. *For additional information, please contact Shellie Chard McClary at (405) 702-8154.*

[\[Top\]](#)

## TEXAS

## Legislative/Regulatory Activity

### STATE OF TEXAS FINAL RULES

**(Effective 19 September and 21 September 2005, for Austin and San Antonio, respectively) TX Commission on Environmental Quality Adopted SIP Revisions: Early Action Compact Plans.** EPA has finalized revisions to the SIP that incorporates Early Action Compact Plans for the three near non-attainment areas of Austin-San Marcos, San Antonio, and Northeast Texas. These three areas each entered into an EAC with TCEQ and EPA, and committed to developing Clean Air Action plans for the attainment and maintenance of the 8-hour ozone standard within the areas. EPA has approved the Austin and Northeast Texas revisions, effective 19 September 2005. USEPA has approved the San Antonio revisions, effective 21 September 2005. The EAC plans for the Austin, San Antonio, and Northeast Texas areas are available at [http://www.tnrc.state.tx.us/oprd/sips/AUS\\_EAC\\_032904.pdf](http://www.tnrc.state.tx.us/oprd/sips/AUS_EAC_032904.pdf), [http://www.tnrc.state.tx.us/oprd/sips/SA\\_EAC\\_ExecSum\\_033104.pdf](http://www.tnrc.state.tx.us/oprd/sips/SA_EAC_ExecSum_033104.pdf), and [http://www.tnrc.state.tx.us/oprd/sips/NET\\_EAC\\_033104.pdf](http://www.tnrc.state.tx.us/oprd/sips/NET_EAC_033104.pdf). *For additional information, please contact Gerry Wolfe at (512) 639-4703.*

**(Effective 1 September 2005) TX Commission on Environmental Quality Final Regulation: Revision of Official Maps for Edwards Aquifer Recharge Zone (2003-029-213-WT) (30 TAC 213.3 (27)).** TCEQ adopted the official maps for the Edwards Aquifer recharge zone that are incorporated by reference in 30 TAC 213.3 (27). Owners or developers of land in certain areas that are currently in transition or contributing zones may be directly affected by re-designation of those areas as recharge zone. The re-designation of certain areas from transition zones to recharge zones does not change the current aboveground or underground storage tank requirements in those areas. However, the re-designation could affect the regulation of activities such as the construction of buildings, utility stations, utility lines, roads, highways, or railroads as well as the clearing of land or other activities, which may affect the topographic or stormwater runoff characteristics of a site. The regulations are final, effective 1 September 2005. *For additional information, please contact Debi Dyer at (512) 239-3972.*

**CREO Comment:** The Edwards Aquifer is an underground layer of porous, honeycombed, water-bearing rock that is between 300-700 feet thick. The San Antonio segment of the Aquifer extends in a 160-mile arch-shaped curve from Brackettville in the west to near Kyle in the northeast, and is between 5 and 40 miles wide at the surface. The Barton Springs segment extends from Kyle to south Austin. The San Antonio segment is where most of the major natural springs occur, where much of the use by humans takes place. A few major Edwards water features include Barton Springs and San Felipe Springs occur on the other side of the groundwater divides, to the north and west of San

Antonio portion. DoD facilities near the Edwards Aquifer include Fort Sam Houston, Camp Mabry and Bergstrom, Kelly, Lackland, and Randolph Air Force Bases, and Brooks City-Base among others.

## **STATE OF TEXAS PROPOSED RULES**

**(NEW) TX Commission for Environmental Quality Proposed Regulation: SIP Revisions for the El Paso Non-Attainment Area (2005-028-SIP-NR).** TCEQ has proposed revisions to the State Implementation Plan (SIP) concerning the El Paso non-attainment area. The proposed revisions re-designate a portion of the El Paso area as attainment for carbon monoxide (CO). The revisions also include a proposal to incorporate a plan for maintenance of the 8-hour ozone National Ambient Air Quality Standard (NAAQS) in El Paso County. The proposal updates the emissions inventory and provides motor vehicle emissions budget projections through 2015. The Commission will hold a public hearing 1 September 2005. Comments are due 6 September 2005. The proposal is available at <http://www.tnrc.state.tx.us/oprd/sips/july2005ep.html>. For additional information, please contact Erik Gribbin at (512) 239-2590.

**(NEW) TX Commission on Environmental Quality Proposed Rule Published 8 April 2005: Revisions to Sludge Regulations (30 TAC 312).** The Commission is proposing a rulemaking to amend its sludge regulations. The amendments reflect changes made to the sludge provisions of the Texas Health and Safety Code by HB 2546, update application, and permit requirements for the use, processing, storage, disposal, and transportation of municipal sewage sludge, water treatment sludge, and domestic septage. The proposal includes a new subchapter 37 that establishes financial assurance requirements for Class B sewage sludge commercial liability insurance and environmental impairment insurance. The Commissioners are scheduled to review the rules for adoption 28 September 2005. The proposed chapters 37 and 312 are available at [http://www.tnrc.state.tx.us/oprd/rule\\_lib/proposals/03055037\\_pro.pdf](http://www.tnrc.state.tx.us/oprd/rule_lib/proposals/03055037_pro.pdf) and [http://www.tnrc.state.tx.us/oprd/rule\\_lib/proposals/03055312\\_pro.pdf](http://www.tnrc.state.tx.us/oprd/rule_lib/proposals/03055312_pro.pdf). For additional information, please contact Debi Dyer at (512) 239-3972.

## **OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION**

**(Effective 26 September 2005) Limited EPA Approval and Promulgation of Implementation Plans; Excess Emissions during Startup, Shutdown and Malfunction Activities.** This action finalizes limited approval of revisions to the Texas State Implementation Plan (SIP) concerning excess emissions that EPA proposed, through the parallel processing mechanism, on 9 May 2005. Specifically, EPA is finalizing limited approval of revisions to 30 TAC Chapter 101, General Air Quality Rules concerning excess emissions during startup, shutdown, and malfunction (SSM) activities. This action extends the expiration date of certain provisions from 30 June 2005 to no later than 30 June 2006. Texas has made this change to allow for additional time before these provisions expire from the SIP to submit a revised excess emissions rule for approval into the SIP. This rule is effective on 26 September 2005. For more details, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/August/Day-26/a16933.htm>.

**(NEW) TX Commission on Environmental Quality Draft Plan Published 5 August 2005: July 2005 Update to Water Quality Management Plan.** The Commission has proposed a July 2005 update of the Water Quality Management Plan (WQMP). The WQMP is developed and promulgated in accordance with the requirements of the Federal Clean Water Act (CWA), Chapter 208. The July 2005 report contains projected effluent limit updates. The Commission will accept comments on the draft through 5 September 2005. The draft update is available at [http://www.tnrc.state.tx.us/permitting/waterperm/wqmp/july\\_05\\_draft.pdf](http://www.tnrc.state.tx.us/permitting/waterperm/wqmp/july_05_draft.pdf). For additional information, please contact Nancy Vignali at (512) 239-1303.

**EPA Proposed Approval and Promulgation of Air Quality Implementation Plans: Texas Low-Emission Diesel Fuel Program.** EPA is proposing to approve revisions to the State Implementation Plan (SIP) for the state of Texas. This revision makes changes to the Texas Low-Emission Diesel (TXLED) Fuel program. On 6 April 2005, EPA approved the compliance date change that was part of this submittal. None of the revisions being proposed for approval changes the ultimate requirements regarding the reductions to be achieved. For more information, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/August/Day-10/a15830.htm>.

[\[Top\]](#)

## REGION 7 STATE ACTIVITY

### Regulatory & Legislative Web Sites

Iowa Department of Natural Resources (IDNR)	<a href="http://www.iowadnr.com/">http://www.iowadnr.com/</a>
Iowa General Assembly	<a href="http://www.legis.state.ia.us/">http://www.legis.state.ia.us/</a>
Kansas Department of Health and Environment (KDHE)	<a href="http://www.kdhe.state.ks.us">http://www.kdhe.state.ks.us</a>
Kansas Legislature	<a href="http://www.kslegislature.org/cgi-bin/index.cgi">http://www.kslegislature.org/cgi-bin/index.cgi</a>
Missouri Department of Natural Resources (MDNR)	<a href="http://www.dnr.state.mo.us/homednr.htm">http://www.dnr.state.mo.us/homednr.htm</a>
Missouri General Assembly	<a href="http://www.moga.state.mo.us/">http://www.moga.state.mo.us/</a>
Nebraska Department of Environmental Quality (NDEQ)	<a href="http://www.deq.state.ne.us">http://www.deq.state.ne.us</a>
Nebraska Legislature	<a href="http://www.unicam.state.ne.us/">http://www.unicam.state.ne.us/</a>

### IOWA

### Legislative/Regulatory Activity

#### STATE OF IOWA PROPOSED RULES

(UPDATE) **A Department of Natural Resources Draft Regulation: New Source Review Reform Regulations (567 IAC 20, 22, 31, 33).** IDNR has proposed revisions to adopt the New Source Review Reform regulations. Five elements of the major NSR program are affected by this rule making. These elements include the procedure for calculating baseline actual emissions, actual-to-projected actual emissions calculation methodology, plant wide applicability limitations (PALs), emissions units that have been designated as Clean Units and pollution control projects (PCPs). This rule making also adds a new definition of "regulated NSR pollutant" that clarifies which pollutants are regulated for the purposes of major NSR. Department staff indicates that this rulemaking has been put on hold due to ongoing litigation. For additional information, please go to <http://www.iowadnr.com/air/prof/const/nsrreform.html>, <http://www.iowadnr.com/epc/05jan/12.pdf>, and <http://www.legis.state.ia.us/Rules/Current/Bulletin/IAB050216.pdf> (page 21 of 92). For additional information, please contact Jim McGraw at (515) 242-5167.

(UPDATE) **IA Department of Natural Resources Proposed Amendment 11 May 2005: Emissions Standards for Contaminants (567 IAC 23).** The Department has proposed an amendment to Chapter 23 "Emission Standards for Contaminants." This amendment clarifies that ordinary travel on an unpaved public road includes routine traffic and road maintenance activities. Scarifying, compacting, transporting road maintenance surfacing material, and scraping of the unpaved public road surface are considered road maintenance activities that are classified as ordinary travel. Unpaved public road maintenance activities such as scarifying, compacting, transporting road maintenance surfacing material, and scraping are not continuous by nature and are normally of a short duration at a specific location. These activities usually do not generate particulate matter in quantities sufficient to be considered a nuisance or a threat to public health. The Department has historically treated these types of road maintenance activities as ordinary travel. The Environmental Protection Commission (EPC) approved the rule 15 August 2005. The rule will be published as adopted in the IA register 14 September 2005, and is scheduled to become effective 19 October 2005. To view the amendments, please go to <http://www.legis.state.ia.us/Rules/Current/Bulletin/IAB050511.pdf> (page 17 of 92). For additional information, please contact Christine Paulson at (515) 242-5094.

(UPDATE) **IA Department of Natural Resources Draft of Proposed Rule on Adoption of Several NESHAPS (567 IAC 23).** The Department has drafted a proposal to amend Chapter 23 "Emission Standards for Contaminants" of the 567 Iowa Administrative Code. The rulemaking would adopt by reference several National Emissions Standards for Hazardous Air Pollutants (NESHAPS) that were promulgated by EPA between 1996 and 2003. The proposed rule was published in the IA register 17 August 2005. A public hearing will be held 16 September 2005, and written comments are also due on that date. A copy of the draft proposed rule can be found at <http://www.iowadnr.com/epc/05jun/10.pdf>. For additional information, please contact Christine Paulson at (515) 242-5094.



## OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(UPDATE) **IA Department of Natural Resources Departmental Discussion: Monitoring, Analytical and Reporting Requirements for Wastewater Treatment Facilities (567 IAC 63).** IDNR is discussing a rulemaking to revise the monitoring requirements for wastewater facilities. The revisions are taking place to ensure that the frequency and level of monitoring effluent from treatment facilities provide reliable assurances that facilities are providing the degree of treatment necessary to meet state water quality standards. According to Department staff, the rulemaking is on hold due to other priorities. *For additional information, please contact Wayne Farrand at (515) 281-8877.*

(UPDATE) **IA Department of Natural Resources Departmental Discussion: Revisions to General Use Definition, Water Quality Standards (567 IAC 60, 61, 72).** IDNR is discussing revisions to the water quality standards as a result of the 2002 triennial review. The rulemaking would revise the definition of general use and would revise the language for Class B(Ir) and create a new use designation for intermittent, pooled conditioned aquatic life use. An informational item was sent to the Environmental Protection Commission in December. The EPC is scheduled to consider the Department's Notice of Intended Action at the next EPC meeting 15 August 2005. A copy of the Notice of Intended Action can be found at <http://www.iowadnr.com/epc/05aug/16.pdf>. *For additional information, please contact Chuck Corell at (515) 281-8448.*

(UPDATE) **IA Department of Natural Resources: Amendment to Protected Waters Rule (Chapter 53).** The Department is planning revisions to the protected waters rules. The rule describes the purpose and procedures for designating specific surface water and groundwater sources as protected sources. This includes the special information that may be required of applicants for permits to withdraw water from such sources and conditions that may be applied to approved permits. Those protected sources so designated are also listed. Department staff indicates that this rulemaking was dropped in response to negative public sentiment. *For additional information, please call Chuck Corell at (515) 281-8448.*

**(Effective 17 October 2005) EPA Final Approval and Promulgation of Implementation Plans.** EPA is approving the State Implementation Plan (SIP) revision submitted by the state of Iowa for the purpose of approving the 2001 and 2004 updates to the Linn County Air Quality Ordinance. These revisions help to ensure consistency between the applicable local agency rules and federally approved rules, and ensure Federal enforceability of the applicable parts of the local agency air programs. This direct final rule will be effective 17 October 2005, without further notice, unless EPA receives adverse comment by 15 September 2005. If adverse comment is received, EPA will publish a timely withdrawal of the direct final rule in the Federal Register informing the public that the rule will not take effect. For more information, please go to <http://www.epa.gov/fedrgstr/EPA-AIR/2005/August/Day-16/a16224.htm>.

[\[Top\]](#)

### KANSAS

### Legislative/Regulatory Activity

## STATE OF KANSAS PROPOSED RULES

(NEW) **KS Department of Agriculture Proposed Rule: Changing Definition of "Base Average Usage" in Reference to Flex Accounts for Water Rights (K.A.R. 5-16-1; 5-16-5).** KDHE is proposing to modify its flex accounts regulations to make them compatible with previously enacted legislation. Flex accounts allow water right owners to have more flexibility in using their water rights over a five-year period while achieving at least a 10 percent savings in water pumped. The proposed regulation would change the definition of "base average usage" to use the 11-year period of 1992 through 2002 to compute that average, rather than the five-year period of 1996-2000. The regulation would also allow the conservation of more than 10 percent of the water use permitted. A public hearing is scheduled for 19 October 2005. Comments are due on that day. *For additional information, please contact Leslie Garner at (785) 296-4623.*

(UPDATE) **KS Department of Health and Environment Proposed Regulation Published on 11 May 2005: Revisions to Air Quality Regulations.** The Department is finalizing three sets of revisions to sections of 28-19. The first revision revokes section 28-19-22 "sulfur compound emissions." Because the lead and zinc smelters have ceased to operate and because the refineries are now subject to more stringent requirements for sulfur emissions under the new source performance standards, the Department has determined that the sulfur rule may be

revoked without detriment. The second proposal would revoke the existing Class III permits regulations at KAR 28-19-575 through 28-19-578. This revocation streamlines the air emissions sources permitting process. The third set of proposed regulations would amend the emissions inventory and permit-by-rule regulations, "inventory rules." The primary changes are to adjust the annual reporting date for Class II permittees from the current due date of 1 June to 1 April. An additional component is to change the language of the permits-by-rule to eliminate the specific due date reference and to change that language to reference to the date in 28-19-546. This simplifies any future changes to the due date. The Department is currently in the process of drafting responses to USEPA's comments. The Department hopes to have the rules finalized by early October 2005. To view the revisions, please go to [http://www.kdhe.state.ks.us/bar/public\\_notice/HearingNotice2rev.pdf](http://www.kdhe.state.ks.us/bar/public_notice/HearingNotice2rev.pdf). For additional information, please contact Ralph Kieffer at (785) 296-6428.

[\[Top\]](#)

## MISSOURI

## Legislative/Regulatory Activity

### STATE OF MISSOURI PROPOSED RULES

(UPDATE) **MO Department of Natural Resources Draft Regulation: Amendments to Ambient Air Quality Requirements for Ozone and Particulate Matter (0767, 0768, 0769, 0770) (10 CSR 10-6.010, 10-6.020, 10-6.030 and 10-6.040).** The Department is drafting amendments to its ambient air quality standards. The rulemaking incorporates new and revised federal standards for ozone and particulate matter, including the addition of PM<sub>2.5</sub> as a type of particulate matter. The amendments also update sampling and testing methods for ambient air quality standards. The proposed amendments are in the Proposed Rules section of the 15 August 2005 Missouri Register, available at <http://www.sos.mo.gov/adrules/moreg/current/2005/v30n16/v30n16a.pdf>. The public hearing date is 29 September 2005. The comment due date is 6 October 2005. For additional information, please contact Paul McConnell at (573) 751-4817.

(UPDATE) **MO Department of Natural Resources Proposed Regulation Published 2 May 2005: Amendments to Water Quality Standards Based on Triennial Review(10 CSR 020-07.031).** MDNR has completed a 2003 triennial review of Missouri's water quality standards and has proposed amendments to the standards. In addition to other changes, the amendments: (1) add whole-body contact recreation use to all classified waters in the state; (2) revise definitions of 7-day and 60-day Q10; (3) add definitions of 30-day and 1-day Q10; (4) add language for antidegradation policy implementation development; (5) remove language associated with site-specific dissolved oxygen; (6) add language for site-specific criteria methods for all water quality criteria for the protection of aquatic life; and (7) replace existing ammonia criteria with new criteria. The Department plans to adopt the rules and obtain legislative approval in fall 2005. Staff continues to anticipate publishing the final rules in November 2005. The proposed amendments are in the Proposed Rules section of the 2 May 2005 Missouri Register, available at <http://www.sos.mo.gov/adrules/moreg/current/2005/v30n9/v30n9c.pdf>. For additional information, please contact Phil Schroeder at (573) 751-6825.

### OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

(UPDATE) **MO Department of Natural Resources Draft Document: Missouri Risk-Based Corrective Action Technical Guidance.** The Department has drafted a Missouri Risk-Based Corrective Action Technical Guidance document. The draft amends existing guidance through the addition of methodology for ecological risk assessment at the Default Target Level. The draft adds a section to provide guidance on long-term stewardship of cleanup sites. The draft also adds information regarding an internal dispute resolution process for the resolution of issues prior to a formal hearing. Additionally, the draft adds language that requires departmental approval of field data collection. Staff reports that the Department is accepting comments on the new draft guidance through 16 September 2005. The draft document and appendices are available at [http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-first\(sections\)02-18-05.pdf](http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-first(sections)02-18-05.pdf) and [http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-second\(appendices\)02-18-05.pdf](http://www.dnr.mo.gov/alpd/hwp/mrbca/ref/draft-mrbca-second(appendices)02-18-05.pdf). For additional information, please contact Linda Vogt at (573) 751-2747.

[\[Top\]](#)

**STATE OF NEBRASKA PROPOSED RULES****(UPDATE) NE Department of Environmental Quality Draft Regulation: Adoption of Federal Rules for the New Source Review Prevention of Significant Deterioration Program (Title 129, Chapter 19).**

The Department has proposed amendments to adopt a state-specific version of the federal rules for New Source Review (NSR) Prevention of Significant Deterioration (PSD). The proposed amendments establish processes and procedures for the PSD regulations. The proposed amendments also clarify that no applicable requirement, emission limit, or operational standard may be violated through a minor permit revision in an original permit. The proposed amendments are available at <http://www.deq.state.ne.us/Proposed.nsf/pages/T129-9-2005>. The Department will hold a public hearing 8 September 2005 that will be continued to 9 September 2005 if necessary. Comments are due 7 September 2005. For additional information, please contact Bev Kellison at (402) 471-3588.

**(UPDATE) NE Department of Environmental Quality Draft Regulation: Amendments to Wastewater Treatment Facility Standards (Title 123 and 197).**

NDEQ has proposed amendments to its regulations for the design, operation, and maintenance of wastewater treatment facilities. The amendments include revisions to Title 123 to (1) specify that there is no preemption for more stringent local wastewater treatment regulations; (2) specify categories of wastewater treatment works for which new construction is prohibited; (3) provide minimum design standards and specification for wastewater works; and (4) specify requirements for submission of specific engineering documents. The amendments will also revise the certification requirements for wastewater treatment operators in Title 197. The Department will hold a public hearing 8 September 2005 that will be continued to 9 September 2005 if necessary. Comments are due 7 September 2005. The proposed amendments to Titles 123 and 197 are available at <http://www.deq.state.ne.us/Proposed.nsf/Pages/Proposed>. For additional information, please contact Thomas Lamberson at (402) 471-2186.

[\[Top\]](#)

**FEDERAL ACTIONS****EPA FINAL RULES****(Effective 28 September 2005) Extension of the Deferred Effective Date for 8-Hour Ozone National Ambient Air Quality Standards for Early Action Compact Areas.**

EPA finalized the extension of the deferred effective date of air quality designations for 14 areas of the country that have entered into Early Action Compacts. Early Action Compact areas have agreed to reduce ground level ozone pollution earlier than the Clean Air Act (CAA) requires. On 30 April 2004, EPA published an action designating all areas of the country for the 8-hour ozone National Ambient Air Quality Standards (Page 50989)(NAAQS). In the designation rule, EPA deferred the effective date of the non-attainment designation for 14 areas that had entered into Early Action Compacts until 30 September 2005. EPA is now extending the deferred effective date of the non-attainment designation for all 14 Early Action Compact areas until 31 December 2006. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-17038.htm>.

**(Effective 19 August 2005) Protection of Stratospheric Ozone: Allocation of Essential Use Allowances for Calendar Year 2005.**

With this action, EPA allocated essential use allowances for import and production of class I stratospheric ozone depleting substances (ODSs) for calendar year 2005. Essential use allowances enable a person to obtain controlled class I ODSs as an exemption to the regulatory ban of production and import of these chemicals, which became effective on 1 January 1996. EPA allocates essential use allowances for exempted production or import of a specific quantity of class I ODS solely for the designated essential purpose. The allocations total 1,820.48 metric tons of chlorofluorocarbons for use in metered dose inhalers. This final rule is effective 19 August 2005. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-16809.htm>.

## **EPA PROPOSED RULES**

**Performance Specification 16 for Predictive Emission Monitoring Systems and Amendments to Testing and Monitoring Provisions.** EPA is proposing performance specifications (PS) that evaluate the acceptability of predictive emission monitoring systems (PEMS) when used on stationary sources. The intended effect of this action is to establish standardized performance requirements that will be used to evaluate candidate PEMS uniformly. The affected industries and their Standard Industrial Classification codes are listed under SUPPLEMENTARY INFORMATION. In addition, EPA is proposing to make minor amendments to various testing provisions in the New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants for Source Categories (MACT) to correct inadvertent errors, make needed updates, and add flexibility. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-15330.htm>.

**Guidelines Establishing Test Procedures for the Analysis of Pollutants: Analytical Methods for Biological Pollutants in Wastewater and Sewage Sludge.** This proposed regulation would amend the "Guidelines Establishing Test Procedures for the Analysis of Pollutants" under section 304(h) of the Clean Water Act (CWA). The proposed rule adds analytical test procedures for enumerating the bacteria, *Escherichia coli* (*E. coli*) and enterococci, in wastewater; and analytical test procedures for enumerating fecal coliforms and Salmonella in sewage sludge to the list of Agency-approved methods. Specifically, EPA is proposing both membrane filter (MF) and multiple-tube fermentation (MTF, i.e., multiple-tube, multiple-well) methods for *E. coli* and enterococci bacteria in wastewater, and MTF methods for fecal coliforms and Salmonella in sewage sludge. EPA's approval of these methods will help Regions, States, communities, and environmental laboratories to better assess public health risks from microbiological pollutants. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-16195.htm>.

**Unregulated Contaminant Monitoring Regulation (UCMR) for Public Water Systems Revisions.** The Safe Drinking Water Act (SDWA), as amended in 1996, requires EPA to establish criteria for a program to monitor unregulated contaminants and to publish a list of contaminants to be monitored every five years. EPA published the first Unregulated Contaminant Monitoring Regulation cycle (i.e., UCMR 1) that established a three-tiered approach for monitoring contaminants based on the availability of analytical methods and laboratory capacity considerations. This action proposes the design for the second UCMR cycle. EPA is also proposing to require monitoring of 26 chemicals using nine different analytical methods. UCMR 2 monitoring is proposed to occur during 2007- 2011. The primary changes to UCMR 1 include: Redesign of the Screening Survey for List 2 contaminants to increase the statistical strength of the sampling results by incorporating additional PWSs; updates to the lists of contaminants to be monitored and the analytical methods approved to conduct that monitoring; revisions to the "data elements" required to be reported; and some revisions to the implementation of the monitoring program to reflect "lessons learned" during UCMR 1. A systematic procedure for the determination of a Minimum Reporting Level (MRL) is also proposed. These data are the primary source of occurrence and exposure data for the Agency to determine whether to regulate these contaminants. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-16385.htm>.

## **OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION**

**Sustainable Installations Regional Resource Assessment Website.** SIRRA Version 1 is a web-based analysis tool provides a first level screening intended to assist users in answering four types of questions related to sustainability using spatially related national data sets. These questions are:

- What are important across the fenceline sustainability issues for an installation?
- How can unit transformation and stationing requirements be best met on existing or new DoD installations?
- How does sustainability compare across a range of installations, for example, in the context of realignment of forces?
- What is the regional context of an installation for one or a group of sustainability indicators?

The SIRRA methodology is a process of characterizing the region surrounding a military installation based on an evaluation of ten themes: air, energy, urban development, threatened and endangered species, location, water, economy, quality of life, infrastructure, and security. The SIRRA methodology provides resource assessment ratings for forty-eight individual regional indicators. For details, please go to <https://ff.cecer.army.mil/ff/sirra.do>.

**Defense Reutilization and Marketing Service (DRMS) Approved Hazardous Waste Contractors.**

DRMS has reviewed selected facilities and transporters in the past and has no reason to believe that they do not meet the standards specified in DRMS contracts. Inclusion of facilities and transporters to the Qualified Lists does not constitute a determination of the acceptability of these facilities for the requirements of any specific DRMS contract or relieve the contractor of any responsibility for performing specific DRMS contracts in accordance with each contract's terms and conditions. For a complete list of contractors, please go to [http://www.drms.dla.mil/newenv/html/hw\\_disposal.html](http://www.drms.dla.mil/newenv/html/hw_disposal.html). Please be advised that EQ Resource Recovery, Incorporated (EPA ID Number: MID060975844) is NOT a DRMS approved facility.

**U.S. Army Public Involvement Toolbox Web Site.** This site is intended to be one source of information. There are other excellent sources of public involvement information within the federal government and by other organizations. Links and references to other public involvement resources are provided throughout this Web site. The tools and techniques contained within this site are presented in a manner that allows Army personnel to easily find information on public involvement and develop plans and programs that meet their local needs and issues. To access this site, please go to <http://www.asaie.army.mil/pitoolbox/>.

**Guidance Issued on the Federal Electronics Challenge as it Relates to EMS.** This document provides background information about the connection between an EMS and the Federal Electronics Challenge (FEC) program. One primary purpose of an EMS is to coordinate environmental management activities into one integrated framework that enhances and improves the overall efficiency and effectiveness of these existing, but separate, environmental programs. The FEC is an environmental management program that can exist within the structure of an EMS to improve a facility's environmental performance. For more information, please go to <http://www.fedcenter.gov/Announcements/index.cfm?id=2663>.

**EPA Releases Wetlands and Riparian Areas Non-point Source Management Measures Guidance Document.** EPA recently published National Management Measures to Protect and Restore Wetlands and Riparian Areas for the Abatement of Non-point Source Pollution, a technical guidance and reference document for use by state, territory, and authorized tribal managers as well as the public in the implementation of non-point source (NPS) pollution management programs. The new guidance contains information on the best available, economically achievable means of reducing non-point source pollution through the protection and restoration of wetlands and riparian areas, as well as the implementation of vegetated treatment systems. For more information about the guidance or to download the document (in PDF format), please visit <http://epa.gov/owow/nps/wetmeasures/>.

**Risk Assessment Finds Gasoline Distribution Standards Protect Public Health.** With recent risk analysis showing that current gasoline distribution industry air toxics standards protect public health, EPA is proposing that further controls on the industry are not warranted. EPA's 1994 air toxics standards for the gas distribution industry limit emissions at terminals where gasoline is loaded into trucks for delivery to gas stations. These standards reduce toxic emissions by 2,300 tons annually. After these facilities implemented the standards, EPA analyzed their remaining air emissions to determine whether they pose a risk to human health or the environment. The analysis showed a low risk from gasoline distribution facilities. The proposal announces EPA's decision to retain the existing standards and requests public comments on the residual risk assessment and technology review. EPA will take comment on the proposal for 60 days after the notice is published in the Federal Register. For more information on this action, visit [http://www.epa.gov/ttn/oarpg/t3/fact\\_sheets/gasdistfs.html](http://www.epa.gov/ttn/oarpg/t3/fact_sheets/gasdistfs.html).

**Final 2006 Integrated Report Guidance.** EPA has released the 2006 Integrated Report Guidance for states, territories, authorized tribes, and interstate commissions that help states prepare and submit Clean Water Act reports on their water quality. The document outlines development of biennial Integrated Reports (IR) that supports EPA's strategy for achieving a broad-scale inventory of water quality conditions. Each IR will report on the water quality standards attainment status of all waters, document the availability of data and information for each waterbody, identify certain trends in water quality conditions, and provide information to managers in setting priorities for future actions to protect and restore the health of our nation's water resources. The IR Guidance, fact sheet, and highlights are posted on EPA's Web site at <http://www.epa.gov/owow/tmdl/2006IRG>.

## **US FISH AND WILDLIFE SERVICE**

**Endangered and Threatened Wildlife and Plants; Proposed Designation of Critical Habitat for the Arkansas River Basin Population of the Arkansas River Shiner.** USFWS announces the availability of the draft economic analysis and draft environmental assessment for the proposal to designate critical habitat for the



Arkansas River Basin population of the Arkansas River shiner (*Notropis girardi*) under the Endangered Species Act of 1973 (Act), as amended. The draft economic analysis finds that, over the next 20 years, costs associated with Arkansas River shiner conservation activities are forecast to range from \$9 to \$11 million per year. In constant dollars, the draft economic analysis estimates there will be an economic impact of \$198 million over the next 20 years. The greatest economic impacts are expected to occur to concentrated animal feeding operations, oil and gas production, and water management activities, in that order. Comments previously submitted on the 6 October 2004, proposed rule (69 FR 59859) during both the initial and extended comment periods (28 April 2005, 70 FR 1987), need not be resubmitted as they have been incorporated into the public record and will be fully considered in preparation of the final rule. More information may be obtained at <http://ifw2es.fws.gov/Oklahoma/shiner.htm>.

**AEC Comment:** No affects are anticipated on Army installations. The Arkansas River shiner is not recorded as on-site or contiguous to any Army installations. USFWS determined that the lands within the designation of critical habitat for the Arkansas River Shiner are not owned or managed by the Department of Defense. Critical habitat units are proposed for:

- Kansas - Clark, Comanche, Meade, and Seward Counties.
- New Mexico - Quay County.
- Oklahoma - Beaver, Blaine, Caddo, Canadian, Cleveland, Custer, Dewey, Ellis, Grady, Harper, Hughes, Kingfisher, Logan, Major, McClain, McIntosh, Pittsburg, Pontotoc, Pottawatomie, Roger Mills Seminole, Woods, and Woodward Counties.
- Texas - Hemphill, Oldham, and Potter Counties.

**Final Rule; Endangered and Threatened Wildlife and Plants; Listing Roswell springsnail, Koster's springsnail, Noel's amphipod, and Pecos assiminea as Endangered with Critical Habitat.** USFWS lists the Roswell springsnail (*Pyrgulopsis roswellensis*), Koster's springsnail (*Juturnia kosteri*), and Noel's amphipod (*Gammarus desperatus*) as endangered and the Pecos assiminea (*Assiminea pecos*) as endangered with critical habitat under the Endangered Species Act of 1973, as amended (Act). These four invertebrates occur at sinkholes, springs, and associated spring runs and wetland habitats. They are found at one site in Chaves County, New Mexico, and Pecos assiminea is also found at one site in Pecos County, Texas, and one site in Reeves County, Texas. These three snails and one amphipod have an exceedingly limited distribution, low mobility, and fragmented habitat. They are imperiled by introduced species, surface and groundwater contamination, oil and gas extraction activities within the supporting aquifer and watershed, local and regional groundwater depletion, severe drought, and direct loss of their habitat (e.g., through burning or removing marsh vegetation, or flooding of habitat). This final rule will implement the Federal protection and recovery provisions of the Act for these invertebrate species. We are also designating critical habitat for the Pecos assiminea in Texas.

**AEC Comment:** There are no anticipated impacts to Army installations. The Roswell springsnail, Koster's springsnail, Noel's amphipod, nor Pecos assiminea are neither recorded as onsite nor contiguous to any Army installation. These species are found at one site in Chaves County, New Mexico, and Pecos assiminea is also found at one site in Pecos County, Texas, and one site in Reeves County, Texas.

**Endangered and Threatened Wildlife and Plants; 90-Day Finding on a Petition to List a Karst Meshweaver, *Cicurina cueva*, as an Endangered Species.** USFWS announces the reopening of the public comment period for the status review initiated by the 90-day finding on a petition to list *Cicurina cueva* as an endangered species. This action will allow all interested parties an opportunity to provide information on the status of the species under the Endangered Species Act of 1973, as amended (Act).

**AEC Comment:** The karst meshweaver has been found in two caves in southern Travis County, TX and possibly others. Camp Mabry (ARNG) is located in southern Travis County.

[\[Top\]](#)

## REGIONAL MEETINGS

**Fall 2005 P2 Roundtable.** The fall meeting features presentations on the Clean Air Act as well as how P2 can affect air quality. The Toxics Release Inventory (TRI) will also be discussed and find out where areas of TRI risk are located in the region. The meeting will be held in **Kansas City, Kansas** on **12-14 September 2005**. For more information, please go to [http://www.p2ric.org/Roundtable/2005\\_fall\\_meeting.cfm](http://www.p2ric.org/Roundtable/2005_fall_meeting.cfm).

**Southwest Strategy Agency Coordinators Meeting.** This meeting will be held on **21 September 2005** in **Phoenix, Arizona**. For additional information, please contact the Project Manager at (816) 983-3451.

**Southwest Strategy Tribal Relations Support Team.** This meeting will be held on **22 September 2005** in **Flagstaff, Arizona**. For additional information, please contact the Project Manager at (816) 983-3451.

**Southwest Strategy Borderlands Management Task Force (BMTF).** This meeting will be held on **5 October 2005** in **Tucson, Arizona**. For additional information, please contact the Project Manager at (816) 983-3451.

**Oklahoma Military Environmental Group Meeting.** This meeting will be held on **20-21 October 2005** in **Oklahoma City, Oklahoma**. For additional information, please contact the Army REC at (816) 983-3450.

**KDHE Water Shed Management Seminar.** The Kansas Department of Health & Environment, Bureau of Water, Watershed Management Section is conducting a seminar with various non-point source pollution control projects and local environmental protection programs. The purpose of the seminar is to facilitate communication of project results and activities among all parties interested in non-point source pollution control. These projects have been selected from the area of the seminar location. The seminar will be held on **3 November 2005** in **Salina, Kansas**. For information, please call (785) 296-4195.

[\[Top\]](#)

## TRAINING COURSES AND WORKSHOPS

**USACE PROSPECT Training.** The FY06 Proponent-Sponsored Engineer Corps Training (PROSPECT) Program is now available on line at <http://pdsc.usace.army.mil>. The Purple Book, which includes the proposed scheduled training classes and sessions for FY06, is found at this location. FY06 PROSPECT is offering of the following courses:

- **The Complete RCRA Course: From Hazardous Waste Generation, Through Disposal, Corrective Action, and Beyond.** This is a new comprehensive RCRA hazardous waste course. Topics addressed include regulations important to waste generators such as: identifying hazardous waste; determining generator status; complying with accumulation requirements; manifesting waste off site; land disposal restrictions treatment standards; and special regulations for recyclables, used oil, military munitions, and universal waste. The course also instructs on regulations pertaining to treatment, storage, and disposal facilities such as the permitting process; treatment, storage, and disposal facility standards, and RCRA corrective action requirements. Phases of corrective action are covered including identification of solid waste management units and area of concern, interim stabilization measures, the RCRA facility investigation, corrective measures studies, and corrective measures implementation. Special waste management options for remediation waste, such as corrective action management units, staging piles, and temporary units are also addressed. See [http://pdsc.usace.army.mil/CourseListDetailsNewFY.asp?Cntrl\\_Num=156](http://pdsc.usace.army.mil/CourseListDetailsNewFY.asp?Cntrl_Num=156).
- **Hazardous Waste Manifesting & DOT Certification.** This 36-hour course enables Corps personnel to understand the regulatory requirements of RCRA and the Hazardous Materials Transportation Act (HMTA) as it applies to the generation, transportation and disposal of hazardous waste. Topics include RCRA waste classification, land disposal restrictions, generator requirements, manifesting requirements, and DOT requirements such as proper shipping names, packaging, labeling, marking, and placarding. Course provides DOT certification as per 49 CFR subpart H and DoD 4500.9-R, chapter 204). Course is ISEERB approved. [http://pdsc.usace.army.mil/CourseListDetailsNewFY.asp?Cntrl\\_Num=223](http://pdsc.usace.army.mil/CourseListDetailsNewFY.asp?Cntrl_Num=223).

- **Hazardous Waste Manifesting 16-Hour DOT Recertification Course.** The 16-hour manifesting refresher course is intended to provide refresher training on DOT requirements to fulfill the recurrent training requirements of 49 CFR 172, Subpart H for general awareness/familiarization training. Students who successfully complete the course will be certified as having been trained and tested to recognize and identify hazardous materials. Course provides DOT certification as per 49 CFR subpart H and DoD 4500.9-R, chapter 204). Course is ISEERB approved.  
[http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl\\_Num=429](http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl_Num=429).
- **Environmental Regulations Practical Application Course.** This is an excellent course for those personnel involved in regulatory compliance issues. Topics covered in this 36-hour course include RCRA waste classification and disposal, DOT shipping, CAA, CWA storm and wastewater discharges, TSCA requirements for management and disposal of PCBs, lead-based paint issues, asbestos, USTs, pesticide management, EPCRA, spill response, and drinking water standards.  
[http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl\\_Num=398](http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl_Num=398).
- **The CERCLA/RCRA Process.** This 24-hour course trains USACE personnel involved with hazardous and toxic waste projects on military and civil works projects in the proper application of CERCLA, RCRA and other relevant environmental laws, regulations, and policies. This course is ISEERB approved.  
[http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl\\_Num=356](http://pdsc.usace.army.mil/CourseListDetailsNewFy.asp?Cntrl_Num=356).

**US Forest Service Continuing Education Program for Natural Resource Professionals.** The Forest Service Continuing Education (CE-WFW) Program's goal is enhancing productivity and effectiveness of professionals whose work involves or relates to management of rare plants, wildlife, and fish habitats. CE-WFW serves the people who care for the land. By design, the program meets the training needs of entry-level, those new to the FS, and mid- and late-career professionals. All resource areas are invited. The workshops and learning materials are sponsored by a wide variety of groups, from the Forest Service, other federal agencies, and Universities to private vendors. Every workshop is offered annually (pending adequate participation), integrating current philosophies, techniques and learning methods. For more specific information regarding courses, locations, and dates, please go to <http://www.fs.fed.us/biology/education/workshops/index.html>. This page provides links to other related informational pages.

**Strategic Conservation Planning: Using the Green Infrastructure Approach.** Green Infrastructure represents an interconnected network of natural areas and working landscapes that support native species, maintain ecological processes, sustain air and water resources. Through lecture, case studies, and class exercises, this course will introduce participants to the concepts and values of green infrastructure; to innovative tools and techniques for planning, designing, and implementing green infrastructure networks; and to successful approaches for integrating green infrastructure into local, regional, state and national land use plans, policies, practices, land protection strategies, watershed planning, and community decisions. The instructor team is from federal, state, and/or local government and non-government organizations. The course will be held on **26-29 September 2005** in **Shepherdstown, West Virginia**. For additional information, please go to <https://otis.fws.gov/> and enter course code ECS3146 or call (304) 876-7471.

**Historic Preservation Law and Section 106 Compliance Course.** This course emphasizes legal compliance (the National Historic Preservation Act Section 106 process) through the use of actual case studies. It addresses legislation and the process to meet the requirements of the law. Course content includes, but is not limited to, the stewardship role, use of historic properties, and communications with related oversight agencies. (24 hours – class finishes 1630 hrs each day) This is an ISEERB approved course. This Course is ACHP recognized. The course is scheduled for **19-21 September 2005** in **Great Lakes, Illinois**. For more information or to register, please visit <https://www.cecos.navy.mil>.

**Archeological Resources Protection Training Program.** The Federal Law Enforcement Training Center (FLETC) presents its Archeological Resources Protection Training Program (ARPTP) on **17-21 October 2005** in **Glynco, Georgia**. This class provides training in all aspects of an archeological investigation and subsequent prosecution of the crimes. This program is taught by instructors that are nationally recognized subject matter experts in the fields of law enforcement, archeology, and law. For more information, please go to <https://www.denix.osd.mil/denix/Public/Training/ARPTP.html>.

**TCEQ Pollution Prevention Workshop.** Sponsored by the Texas Commission on Environmental Quality, the intent of this workshop provides strategies on how to improve efficiency while decreasing or eliminating pollution. It will be an interactive workshop with many classroom exercises. Experts in pollution prevention, environmental management systems (EMS), environmental regulations, and energy efficiency will assist in developing P2 strategies to improve performance. The workshop will be held in **Houston, Texas** on **27-28 October** and in **Austin, Texas** on **17-18 November 2005**. For more information, please go to <http://www.tceq.state.tx.us/assets/public/admin/events/10-05p2workshop.pdf>.

**Partners in Environmental Technology Technical Symposium & Workshop.** Sponsored by Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP), the 2005 Partners in Environmental Technology Technical Symposium & Workshop will take place **29 November- 1 December 2005** in **Washington, DC**. For information as it becomes available, please go to <http://www.serdp.org/symposiums/symposiums.html> or e-mail [partners@hgl.com](mailto:partners@hgl.com) or call (703) 736-4548 with any questions.

**AEC 2006 Environmental Workshop.** The 2006 Environmental Cleanup Workshop is going to be held in **San Antonio, Texas** from **31 January to 2 February 2006**. The workshop will be at the Crown Plaza Hotel on the Riverwalk. All Cleanup programs (active/BRAC/FUDS/CC) will be included. Updates will be provided as they become available.

[\[Top\]](#)

## CONFERENCES AND SYMPOSIUMS

**TCEQ Water Quality Seminar.** Topics presented will include Storm Water Permits, Storm Water Inspections, Environmental Management Systems, and Pretreatment. Sponsored by the Texas Commission on Environmental Quality, this seminar also offers 12 hours of continuing education credit for Wastewater Operators. The seminar will be held in **Round Rock, Texas** on **15-16 September 2005**. For more information, please go to <http://www.tceq.state.tx.us/assets/public/admin/events/09-05waterquality.pdf>.

**2005 National Conference of the Academy of Certified Hazardous Materials Managers.** The 2005 national conference of the Academy of Certified Hazardous Materials Managers (ACHMM) will be held **25-29 September 2005** in **St. Louis, Missouri**. The ACHMM conference will feature 48 technical sessions, environmental and health and safety regulatory updates, and provides an opportunity to network with professionals in hazardous materials management. Featured speakers include Richard Preston, nationally recognized expert on emerging diseases and biotechnology, who will delve into the government's response to the anthrax attacks of October 2001. Edward Badolato, Vice President for Homeland Security, the Shaw Group, will describe closed-door sessions at the White House to brief ACHMM on the existing threat to the hazardous material and transportation infrastructure industry. This conference is co-hosted by the Academy of Certified Hazardous Materials Managers, in cooperation with the University of Kansas Continuing Education. For full details or to register, call toll-free (877) 404-5823 or (785) 864-5823 or click <http://www2.ku.edu/achmm/>.

**AUSA 2005 Annual Meeting & Exposition, Call to Duty - 230 Years of Service to Our Nation.** The AUSA Annual Meeting, the world's largest land-power forum, brings together America's Army including Active, Guard and Reserve, retirees, family members and civilians. The three-day event includes:

- Contemporary military forums
- Family forums
- Industry and military exhibitions
- Social events
- Award presentations

The conference is scheduled for **3 - 5 October 2005** in **Washington, DC**. For more information, please go to <http://www.ausa.org/AM2005.nsf/Home?OpenForm>.

**EPA Region 6: 15th Annual Quality Assurance Conference.** This conference is sponsored by Region 6 EPA will be held on **17-21 October 2005** in **Dallas, Texas**. Session E on 20 October will focus on perchlorate in terms

of occurrence, fate, and analysis. Other topics that will be discussed include National Environmental Laboratory Accreditation Conference (NELAC)/National Environmental Laboratory Accreditation Program (NELAP) status, Texas Laboratory Accreditation Program Update and technically focused presentations. For more information, please go to <http://www.epa.gov/Arkansas/6pd/qa/index.htm>.

**Western States Adjudication Conference.** TCEQ is hosting a conference that brings together attorneys from various western states to discuss adjudication and water rights issues. The conference will be held in **San Antonio, Texas** from **17-19 October 2005**. For more information, please e-mail [sphillip@tceq.state.tx.us](mailto:sphillip@tceq.state.tx.us) or call (512) 239-6327.

**Water Environment Federation 78<sup>th</sup> Annual Technical Exhibition and Conference.** WEFTEC.05 (Water Environment Federation's Technical Exhibition and Conference), will be held in **Washington, DC** between **29 October and 2 November 2005**. WEFTEC will provide insights into developments, regulations, and research, as well as into both emerging technologies and proven approaches to everyday water quality challenges. For additional information, please go to <http://www.weftec.org/index.htm>.

**Annual Groundwater Foundation Conference.** The Groundwater Foundation's 2005 Annual Conference will focus on the intersection of scientific knowledge, the technical tools that result, and on-the-ground practices by water managers, consumers, and communities. The 2005 conference will feature high tech advances and new human approaches. Presentations will focus on diverse settings including best practices in rural, urban, and watershed settings. The meeting will take place on **2-4 November 2005** in **Nebraska City, Nebraska**.

**Brownfields 2005.** The 2005 national brownfields conference sponsored by EPA and ICMA will be held in **Denver, Colorado** on **2-4 November 2005**. This year the Department of Defense will announce that numerous military base closings, affecting dozens of communities across the country. Because of the pending base realignment and closure (BRAC) process, as well as the similarities between brownfields and military base cleanup and reuse, this conference will feature a set of technical sessions and mobile workshops focused on the remediation and redevelopment aimed at BRAC sites. For more information about Brownfields 2005 or to register on line, see <http://www.brownfields2005.org>.

**2005 NGWA Remediation Conference: Site Closure and the Total Cost of Cleanup.** This third annual Remediation Costs Conference is all about the actual costs to close sites. This year, optimization and performance modeling to the conference topics have been added. The event will blend modeling with remediation and focus on actual remediation projects and the costs associated with numerous remediation technologies. Case studies will include industrial sites, landfills, petroleum and chlorinated solvent sites, and much more. The conference will also feature an industry display area, workshops, concurrent sessions, and panel discussions of competing technologies. Full proceedings will be published on CD-ROM. The conference will be in **New Orleans, Louisiana** on **7-8 November 2005**.

**Fifth Annual New partners for Smart Growth Conference.** The 2006 national, multidisciplinary conference will feature cutting-edge smart-growth issues, the latest research, implementation tools and strategies, successful case studies, interactive learning experiences, new partners, new projects, and new policies. The program includes a mix of keynotes, plenaries, interactive breakout sessions, "hands-on" implementation workshops, and opportunities for participants and speakers to network with each other. It also features several optional sessions, including pre- and post-conference tours of local model projects, pre-conference seminars, and evening salon sessions. The conference will be held in **Denver, Colorado** on **26-28 January 2006**. For more information, please go to <http://www.outreach.psu.edu/C&I/SmartGrowth/about.html>.

[\[Top\]](#)



**Acronyms and Abbreviations** The list of acronyms and abbreviations can be found on the AEC web site at <http://aec.army.mil/usaec/reo/creo03.html> and on DENIX at <https://www.denix.osd.mil/denix/State/Partnering/REC/rec.html> (click Information Library).

ACSIM = Assistant Chief of Staff for Installation Management  
ADEQ = Arkansas Department of Environmental Quality  
AEA = Atomic Energy Act of 1954  
AEDB = Army Environmental Database  
AFCEE = U.S. Air Force Center for Environmental Excellence  
AFIT = Air Force Institute of Technology  
AIMO = Associated Industries of Missouri  
ANPR = Advance Notice of Proposed Rulemaking  
ANSI = American National Standards Institute  
APA = American Planning Association  
APC&EC = Arkansas Pollution Control and Ecology Commission  
AQCR = Air Quality Control Region  
AQI = Air Quality Index  
AST = aboveground storage tank  
ASTM = American Society for Testing and Materials  
ASTSWMO = Association of State and Territorial Solid Waste Management Officials  
ATV = all-terrain vehicle  
AWMA = Air & Waste Management Association  
BAT = best available technology  
BIA = Bureau of Indian Affairs  
BOR = Bureau of reclamation  
BRAC = Base Realignment and Closure  
CAA = Clean Air Act  
CADD = computer-aided design and drafting  
CAM = compliance assurance monitoring  
CAMU = corrective action management unit  
CARB = California Air Resources Board  
CBT = computer-based training  
CCAR = Coordinating Committee for Automotive Repair  
CCP = Comprehensive Conservation Plan  
C&D = construction and demolition  
CECOS = Civil Engineer Corps Officers  
CEPPO = Chemical Emergency Preparedness and Prevention Office  
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act  
CESQG = conditionally exempt small-quantity generator  
CFC = chlorofluorocarbon  
CFR = Code of Federal Regulations  
CHPPM = U.S. Army Center for Health Promotion and Preventative Medicine  
CINWL = commercial industrial nonhazardous waste landfill  
CISWI = commercial and industrial solid waste incinerator  
CO = carbon monoxide  
CREO = Central Regional Environmental Office  
CSR = Code of State Regulations  
CTIC = Conservation Technology Information Center  
CTT = closing, transferring and transferred ranges  
CWA = Clean Water Act  
DAC = Defense Ammunition Center  
DBP = disinfection byproduct  
DBPR = Disinfectants and Disinfection Byproducts Rule  
DEI = Directorate of Environmental Integration  
DENIX = Defense Environmental Network & Information eXchange  
DERP = Defense Environmental Restoration Program  
DFW = Dallas/Fort Worth  
DNT = dinitrotoluene  
DoD = U.S. Department of Defense  
DOE = U.S. Department of Energy

DOI = U.S. Department of Interior  
 DOT = U.S. Department of Transportation  
 DRMS = Defense Reutilization and Marketing Service  
 DSMOA = Defense/State Memorandum of Agreement  
 EA = environmental assessment  
 EAC = Early Action Compact  
 ECAS = Environmental Compliance Assessment System  
 ECHO = Enforcement and Compliance History Online  
 ECOS = Environmental Council of the States  
 ECSR = Environmental Compliance Status Report  
 EIS = environmental impact statement  
 EMR = environmental management review  
 EMS = environmental management system  
 EO = executive order  
 EPA = U.S. Environmental Protection Agency  
 EPAS = Environmental Performance Assessment System  
 EPCRA = Emergency Planning and Community Right-to-Know Act  
 ER = environmental restoration  
 ERC = Emission Reduction Credit  
 ERTP = Environmental Response Training Program  
 ETMD = Environmental Training and Management Division  
 EVR = Enhanced Vapor Recovery  
 FAA = Federal Aviation Administration  
 FEIS = Final Environmental Impact Statement  
 FIFRA = Federal Insecticide, Fungicide and Rodenticide Act  
 FFEO = Federal Facilities Enforcement Office  
 FM = facilities management  
 FR = Federal Register  
 FS = Feasibility Study  
 FUDS = Formerly Used Defense Sites  
 FY = fiscal year  
 GAO = General Accounting Office  
 GCP = general construction permit  
 GIS = geographic information system  
 gpd = gallons per day  
 GSA = General Services Administration  
 HAP = hazardous air pollutant  
 HAZMAT = hazardous materials  
 HAZWOPER = Hazardous Waste Operations and Emergency Response  
 HB = House Bill  
 HGA = Houston/Galveston Area  
 HJR = House Joint Resolution  
 HM = hazardous material  
 HMIRS = Hazardous Materials Information Resource System  
 HMIWI = hospital/medical/infectious waste incinerator  
 HMX = high melting point explosive  
 HQ = headquarters  
 HRVOC = highly-reactive volatile organic compounds  
 HSB = House Study Bill  
 HTRW = hazardous/toxic and radioactive waste  
 IAC = Iowa Administrative Code  
 IBR = Incorporated By Reference  
 IDNR = Iowa Department of Natural Resources  
 IESWTR = Interim Enhanced Surface Water Treatment Rule  
 I&M = inspection and maintenance  
 IMI = Installation Management Institute  
 INSTEP = International Society of Technical and Environmental Professionals  
 ISEERB = Interservice Environmental Education Review Board  
 ISO = International Organization for Standardization  
 ISR = Installation Status Report

ITAM = Integrated Training Area Management  
 ITRC = Interstate Technology Regulatory Council  
 JRTC = Joint Readiness Training Center  
 KAR = Kansas Administrative Rules  
 KCMA = Kansas City Metropolitan Area  
 KDA = Kansas Department of Agriculture  
 KDHE = Kansas Department of Health and Environment  
 kW = kilowatt  
 LAC = Louisiana Administrative Code  
 LAMW = low-activity mixed waste  
 LANL = Los Alamos National Laboratory  
 LB = legislative bill  
 LDEQ = Louisiana Department of Environmental Quality  
 LDR = land disposal restriction  
 LLRW = low level radioactive waste  
 LPDES = Louisiana Pollutant Discharge Elimination System  
 LPST = leaking petroleum storage tank  
 LQG = large quantity generator  
 LT1ESWTR = Long Term 1 Enhanced Surface Water Treatment Rule  
 LT2ESWTR = Long Term 2 Enhanced Surface Water Treatment Rule  
 LUC = land use control  
 LUST = leaking underground storage tank  
 MACT = maximum achievable control technology  
 MCL = maximum contaminant level  
 MCLG = maximum contaminant level goal  
 MDNR = Missouri Department of Natural Resources  
 MDS = minimum desirable streamflow  
 MSDS = Material Safety Data Sheet  
 MEG = Military Environmental Group  
 MEGCs = multiple-element gas containers  
 MEK = methyl ethyl ketone  
 mg/L = milligram per liter  
 mg/yr = megagrams per year  
 MMR = Military Munitions Rule  
 mph = mile per hour  
 MP&M = metal products and machinery  
 M2R = Military Munitions Rule  
 mrem = millirem  
 mrem/yr = millirem per year  
 MRDLGs = maximum residual disinfectant level goals  
 MS4 = municipal separate storm sewer system  
 MSDS = material safety data sheet  
 MSWG = Multi-State Working Group  
 MSWLF = municipal solid waste landfill  
 MSWTS = municipal solid waste transfer station  
 MTBE = methyl tertiary butyl ether  
 MVECP = Motor Vehicle and Engine Compliance Program  
 MVEB = Motor Vehicle Emission Budget  
 MWC = municipal waste combustion  
 NAAQS = National Ambient Air Quality Standard  
 NAICS = North American Industry Classification System  
 NDEQ = Nebraska Department of Environmental Quality  
 NDIA = National Defense Industrial Association  
 NEPA = National Environmental Policy Act  
 NESHA = National Emission Standards for Hazardous Air Pollutants  
 NFPA = National Fire Protection Association  
 NGWA = National Ground Water Association  
 NHPA = National Historic Preservation Act  
 NMAC = New Mexico Administrative Code  
 NMED = New Mexico Environment Department

NO<sub>x</sub> = nitrogen oxides  
 NORM = naturally occurring radioactive material  
 NPDES = National Pollutant Discharge Elimination System  
 NRC = Nuclear Regulatory Commission  
 NREO = Northern Regional Environmental Office  
 NREP = National Registry of Environmental Professionals  
 NSP = new source performance  
 NSR = new source review  
 OAC = Oklahoma Administrative Code  
 ODEQ = Oklahoma Department of Environmental Quality  
 OE = ordnance and explosives  
 OFR = Office of the Federal Register  
 OMB = Office of Management and Budget  
 OMEG = Oklahoma Military Environmental Group  
 ORVR = onboard refueling vapor recovery  
 OSHA = Occupational Safety and Health Administration  
 OSPRA = Oil Spill Prevention and Response Act  
 OSSF = on-site sewage facility  
 OSWER = Office of Solid Waste and Emergency Response  
 P2 = pollution prevention  
 PASS = Permit Application Software System  
 PAL = plant-wide applicability limitation  
 PBR = permit by rule  
 PBT = persistent bioaccumulative toxin  
 PCB = polychlorinated biphenyl  
 pCi/L = picocurie per liter  
 PEMS = Predictive Emission Monitoring Systems  
 PER = Permitting for Environmental Results  
 PHMSA = Pipeline And Hazardous Materials Safety Administration  
 P.L. = public law  
 PM = particulate matter  
 PM<sub>2.5</sub> = Fine Particulate Matter with a diameter smaller than 2.5 microns  
 POC = point of contact  
 POM = Program Objective Memorandum  
 POTW = publicly owned treatment works  
 ppb = part per billion  
 ppm = part per million  
 PRP = potentially responsible party  
 PSD = prevention of significant deterioration  
 PST = petroleum storage tank  
 PSTTF = Petroleum Storage Tank Trust Fund  
 PTE = potential to emit  
 PWS = public water system  
 RACM = reasonably available control measures  
 RACT = reasonably available control technology  
 RCRA = Resource Conservation and Recovery Act  
 RDX = Royal Demolition eXplosive  
 REC = Regional Environmental Coordinator  
 REGFORM = Regulatory Environmental Group for Missouri  
 RFG = reformulated gasoline  
 RI = remedial investigation  
 RICE = reciprocating internal combustion engine  
 ROD = record of decision  
 SAME = Society of American Military Engineers  
 SB = Senate Bill  
 SDWA = Safe Drinking Water Act  
 SDWIS = Safe Drinking Water Information System  
 SERDP = Strategic Environmental Research and Development Program  
 SIC = Standard Industrial Classification  
 SIP = State Implementation Plan

SM = Senate Measure  
 SO<sub>2</sub> = Sulfur dioxide  
 SPCC = Spill Prevention, Control, and Countermeasure  
 SQG = small quantity generator  
 SREO = Southern Regional Environmental Office  
 TAC = Texas Administrative Code  
 TBD = to be determined  
 TCEQ = Texas Commission on Environment Quality  
 TCM = transportation control measure  
 TDS = total dissolved solids  
 TEFs = Toxicity equivalency factors (related to dioxins)  
 TEQ = Toxicity equivalency (related to dioxins)  
 TERP = Texas Emissions Reduction Plan  
 TIM = Transformation of Installation Management  
 TMDL = total maximum daily load  
 TPDES = Texas Pollutant Discharge Elimination System  
 TRI = Toxics Release Inventory  
 TRI-DDS = Toxics Release Inventory – Data Delivery System  
 TRRP = Texas Risk Reduction Program  
 TSCA = Toxic Substances Control Act  
 TSP = Total Suspended Particulate  
 tpy = tons per year  
 TNT = trinitrotoluene  
 TXEP = Texas Environmental Partnership  
 UIC = underground injection control  
 UN = United Nations  
 USACE = U.S. Army Corps of Engineers  
 USAEC = U.S. Army Environmental Center  
 U.S.C. = United States Code  
 USFWS = U.S. Fish and Wildlife Service  
 USGS = U.S. Geological Survey  
 UST = underground storage tank  
 UXO = unexploded ordnance  
 VOC = volatile organic compound  
 WET = whole effluent toxicity  
 WMM = waste military munitions  
 WQBEL = water quality-based effluent limit  
 WQMP = Water Quality Management Plan  
 WREO = Western Regional Environmental Office  
 ug/L = microgram per liter

